

## **Sprint 2 Plan**

Target platform : Windows

Program language : Python

### **Heading:**

product name: System Monitor

team name: SMS

sprint completion date: 7/18/2016

revision number: 2 & revision date: 7/17/2016.

**Goal:** Convert raw system resources usage data into human-readable information and provide (graphical) UI for user to monitor system resources usage such as CPU, memory, disks and internet.

### **Task listing, organized by user story:**

User story 1 : As a user, I want to sort programs as I want, so that I can see the rank of each usage.

Task 1 make sortByName function 1 hour

Task 2 make sortByMem function 1 hour

Task 3 make sortByCpu function 1 hour

Task 4 make sortByNet function 1 hour

User story 2: As a user, I need to access the monitor, so that I can determine if the algorithm works properly.

Task 1 make detailed explanation : 8 hours

- Detailed explanation of memory usage : 2 hours
- Detailed explanation of cpu usage : 2 hours
- Detailed explanation of disk usage : 2 hours
- Detailed explanation of network usage : 2 hours

User story 3: As a user, I want to have an alert function, so that I can be notified if my resource usages are being used more than usual.

Task 1 make alert function : 2 hours

Task 2 connect alert into sms : 1 hour

**Team Role:**

Bowen Yi: Designer, Programmer

Cen Wang: Scrum Master

Jaeyeong An: Programmer

Dongnak Kim: Idea provider

**Initial task assignment:**

Jaeyeong An: User story 1 --- Task 1, 2, 3, 4, 5

Dongnak Kim: User story 2 --- Task 1

Bowen Yi: User story 3 --- Task 1,2

**Initial Scrum Board:**

User Story	To Do	In progress	Done
Sort different funcs			sortByName sortByMem sortByCpu sortByDisk
Able to check algorithm			make detailed explanation, about all usages
Alerts		Implement alert func Connect alert into SMS	

**Scrum Times:**

Wednesdays after class

Friday 4PM

Sunday 5PM

### Initial Burndown Chart:

